

M 5.6, 29km WNW of Foxton, New Zealand

Origin Time: 2020-05-24 19:53:32 UTC (Mon 07:53:32 local)

Location: 40.3929° S 174.9660° E Depth: 51.9 km

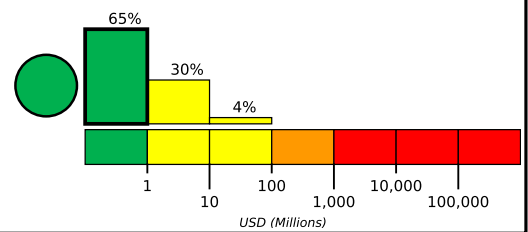
Created: 1 day, 0 hours after earthquake

Estimated Fatalities



Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.

Estimated Economic Losses

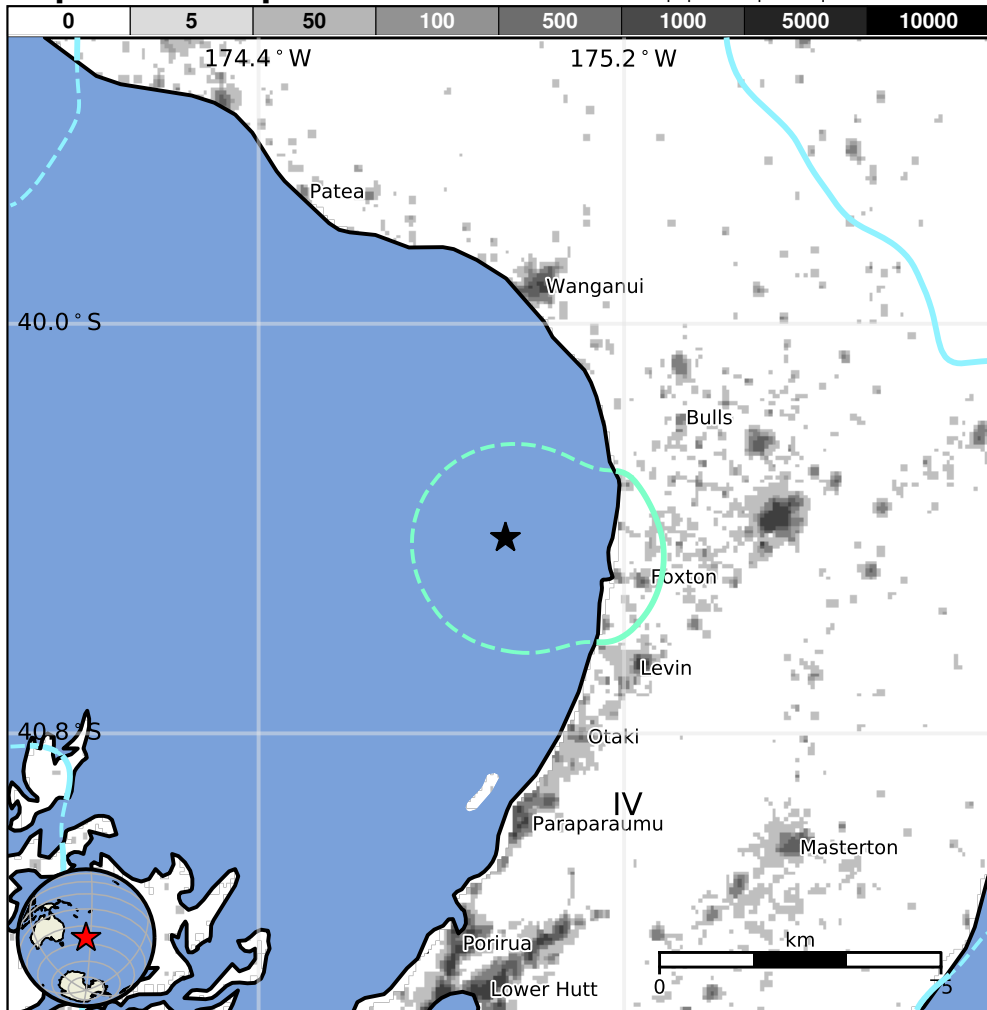


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)	—*	6k*	568k*	8k	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY	I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING	Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are highly resistant to earthquake shaking, though some vulnerable structures exist. The predominant vulnerable building types are reinforced masonry and unreinforced brick with timber floor construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
2004-07-18	293	5.4	V(1k)	1
1987-03-02	307	6.5	VIII(16k)	0
1968-05-23	281	7.2	IX(1k)	3

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

Selected City Exposure

from GeoNames.org

MMI	City	Population
V	Foxton	5k
IV	Otaki	6k
IV	Levin	20k
IV	Bulls	2k
IV	Paraparaumu	25k
IV	Palmerston North	76k
IV	Wanganui	40k
IV	Upper Hutt	38k
IV	Masterton	21k
IV	Lower Hutt	101k
IV	Porirua	51k

PAGER content is automatically generated, and only considers losses due to structural damage.

Limitations of input data, shaking estimates, and loss models may add uncertainty.

<https://earthquake.usgs.gov/earthquakes/eventpage/us70009pku#pager>

bold cities appear on map.

(k = x1000)

Event ID: us70009pku